

AMENDMENTS TO THE CLAIMS

Claim 1. (Cancelled)

Claim 2. (Cancelled)

Claim 3. (Cancelled)

Claim 4. (Cancelled)

Claim 5. (Cancelled)

Claim 6. (Cancelled)

Claim 7. (Cancelled)

Claim 8. (Previously Presented) A combustion engine apparatus,
comprising:

fuel, said fuel made up of a first portion and a second portion,

a first stage piston engine for combusting said first portion of said fuel in a first stage, said first stage piston engine producing piston engine exhaust gases with said piston engine exhaust gases containing said second portion of said fuel;

a second stage turbine engine for combusting said second portion of said fuel contained in said piston engine exhaust gases in a second stage at stoichiometric conditions, said second stage turbine engine producing turbine engine exhaust gases;

a supercharger for supercharging said piston engine using said turbine engine exhaust gases, and

means for directing said turbine exhaust gases from said second stage turbine engine into said supercharger.

Claim 9. (Original) The combustion engine apparatus of claim 8 wherein said first stage piston engine is a compression ignition engine, a homogenous charged compression ignition engine, a variable compression engine, a nitrogen

enriched air combustion engine, a rotating engine, a linear engine, and/or a reciprocating engine.

Claim 10. (Original) The combustion engine apparatus of claim 8 including a compressor for providing compressed air to said second stage turbine engine for combusting said fuel contained in said piston engine exhaust gases.

Claim 11. (Original) The combustion engine apparatus of claim 8 wherein said fuel is oil, methane, natural gas, ammonia, alcohols and/or ethers.

Claim 12. (Original) The combustion engine apparatus of claim 8 wherein said fuel is any combustible matter.

Claim 13. (Original) The combustion engine apparatus of claim 12 wherein said any combustible matter comprises fossil fuels including oil, natural gas, and/or coal.

Claim 14. (Original) The combustion engine apparatus of claim 12 wherein said any combustible matter comprises inorganic fuels including ammonia, hydrazine, and/or calcium.

Claim 15. (Original) The combustion engine apparatus of claim 8 wherein said any combustible matter comprises organic fuels including alcohols, ethers, and/or wood.

Claim 16. (Cancelled)

Claim 17. (Cancelled)

Claim 18. (Cancelled)

Claim 19. (Cancelled)

Claim 20. (Cancelled)

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Claim 47. (Cancelled)